



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY- Region III
OFFICE OF ANALYTICAL SERVICES AND QUALITY ASSURANCE
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE: May 24, 2012

SUBJECT: QA/QC Work Plan for Dimock Residential Well Sampling Round 1 Supplemental (QA Document No. 120071)

FROM: Brandon McDonald, Physical Scientist
OASQA, Technical Services Branch (3EA22)

THRU: Fred Foreman, Branch Chief
OASQA, Technical Services Branch (3EA22)

TO: Richard Fetzner, Project Manager
Eastern Response Branch (3HS31)

As requested, the QA/QC Work Plan (WP) for the Residential Well Sampling (Round 1 Supplemental) for the Dimock Residential Groundwater site has been reviewed.¹ I am recommending the tentative approval of this WP only after the following comments are satisfactorily addressed.

CONCERNS:

- Section 5.1 (**Objectives**) of the WP should be strengthened by adding a more definitive decision statement. What are the decision thresholds that will trigger action if target compounds or tentatively identified compounds (TICs) are found?
- Section 2.0 (**Site Description**) mentions that 44 ground water withdrawal wells have been identified with varying depths. Will all 44 wells be sampled? If not, how many? In addition, if all 44 wells are not going to be sampled, a list of those wells to be sampled along with locations should be provided.
- Insert a table showing the organic target compound lists (VOA and SVOA) to include CAS numbers, method detection limits (MDLs), and threshold limits. The threshold limits may be associated with the maximum contaminant levels (MCLs) for drinking water.

¹ Reviewed for compliance with EPA Requirements for Quality Assurance Project Plans, EPA QA/R5, March 2001

- Mercury (Hg) is missing from the metals lists. Will Hg be analyzed in this study?

If you have any questions pertaining to this WP review, please don't hesitate to contact me at mcdonald.brandon@epa.gov or by phone at 410-305-2607.